

# NASA TECH BRIEF



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## Strain Gage Installation Manual

Detailed specifications for installing laboratory strain gages have been compiled into a handy reference manual, providing laboratory technicians with a ready source of instructions on the techniques and procedures for cementing a wide variety of strain gages onto most of the commonly encountered engineering materials. Materials covered include various steels, aluminum, titanium, beryllium, magnesium, copper, ceramics, plastics, and graphite.

The manual is presented in two major sections. The first gives detailed instructions for preparing surfaces of the various materials for strain gage installation. Specific note is made of any health or safety hazards presented by the materials. The second section gives detailed procedures for installing various types of strain gages using a variety of conventional bonding agents.

### Note:

Requests for further information may be directed to:

Technology Utilization Officer  
Marshall Space Flight Center  
Code A&TS-TU  
Huntsville, Alabama 35812  
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### Patent status:

No patent action is contemplated by NASA.

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